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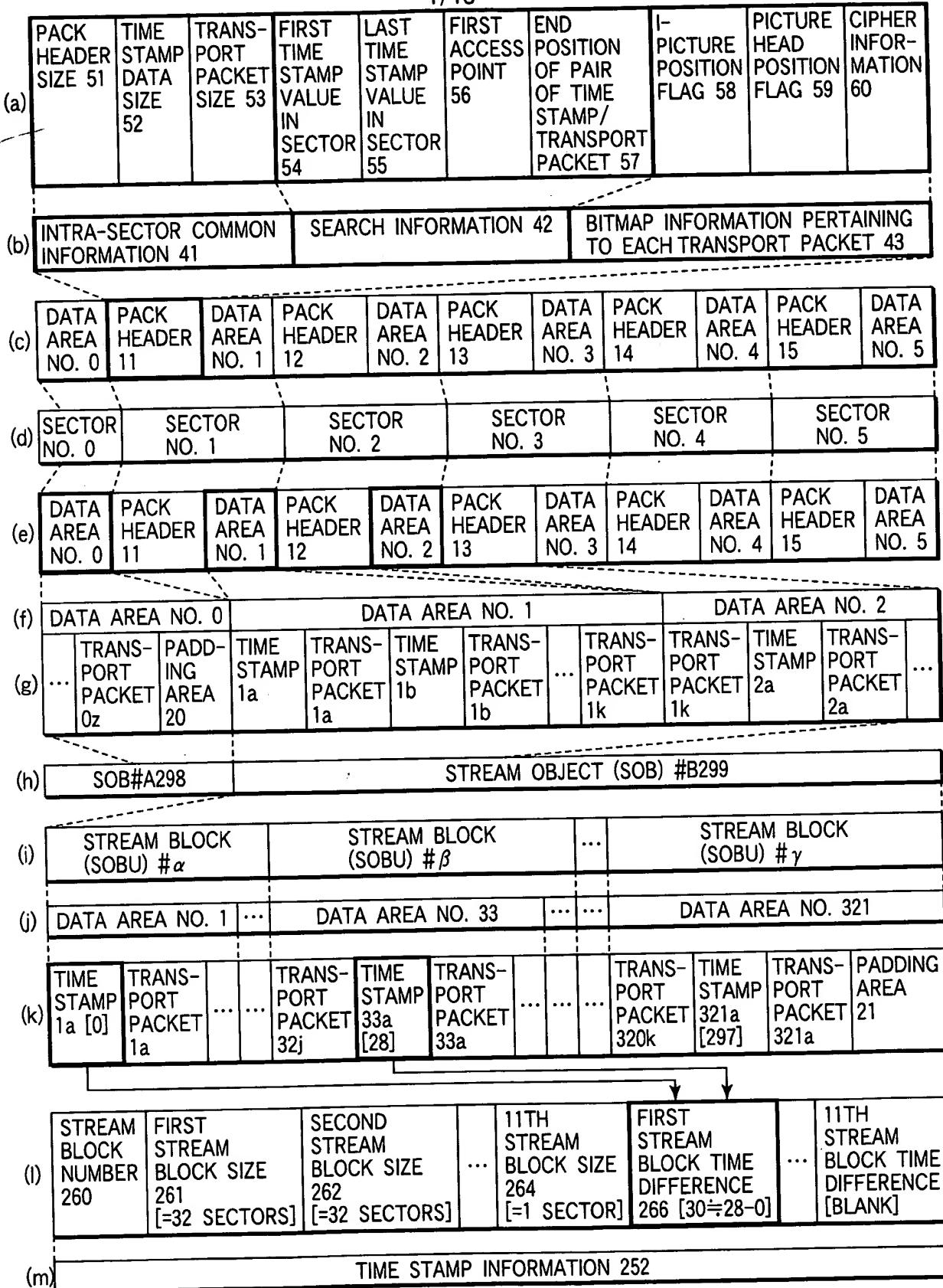


FIG. 1

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ROOT DIRECTORY 100

SUBDIRECTORY 101

DVD\_RTR DIRECTORY (DVD\_RTAV) 102

DATA FILE 103

RTR. IFO (VR\_MANGR. IFO; NAVIGATION DATA) 104

STREAM. IFO (SR\_MANGR. IFO/SR\_MANGR.BUP)  
(NAVIGATION DATA) 105

SR\_PRIVT. DAT/SR\_PRIVT. BUP (NAVIGATION DATA UNIQUE TO  
APPLICATION) 105a

STREAM. VRO (SR\_TRANS. SRO)  
(STREAM DATA) 106

RTR\_MOV. VRO (VR\_MOVIE. VRO; MOVIE REAL-TIME VIDEO  
OBJECT) 107

RTR\_STO. VRO (VR\_STILL. VRO; STILL PICTURE REAL-TIME  
VIDEO OBJECT) 108

RTR\_STA. VRO (VR\_AUDIO. VRO; AUDIO OBJECT OF  
POSTRECORDED AUDIO, ETC.) 109

SUBDIRECTORY 110

VIDEO\_TS (VIDEO TITLE SET) 111

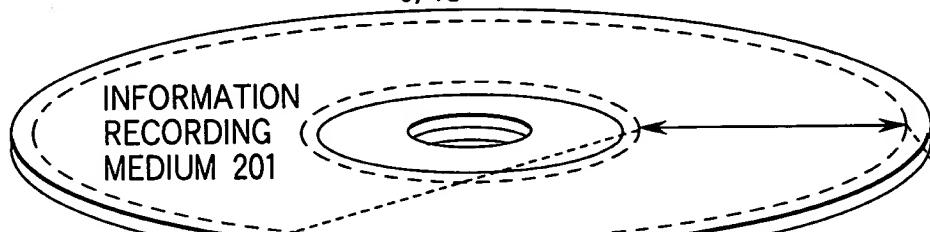
AUDIO\_TS (AUDIO TITLE SET) 112

SUBDIRECTORY FOR SAVING COMPUTER DATA 113

FIG. 2

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(a)



(b)

LEAD-IN AREA (EMBOSS/ REWRITABLE DATA ZONE) 204	VOLUME & FILE STRUCTURE INFORMATION (REWRITABLE DATA ZONE) 206	DATA AREA (REWRITABLE DATA ZONE) 207	LEAD-OUT AREA (REWRITABLE DATA ZONE) 205
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(c)

COMPUTER DATA AREA 208	AUDIO & VIDEO DATA AREA 210	COMPUTER DATA AREA 209
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(d)

REAL-TIME VIDEO RECORDING AREA 221	STREAM RECORDING AREA 222
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(e)

RTR. IFO 104	RTR_MOV. VRO 107	RTR_STO. VRO 108	RTR_STA. VRO 109	STREAM. IFO 105	STRAM. VRO 106
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(f)

VIDEO MANAGER (VMGI/STR_VMGI) 231	STREAM FILE INFORMATION TABLE (SFIT) 232	ORIGINAL PGC INFORMATION (ORG_PGCI) 233	USER-DEFINED PGC INFORMATION TABLE (UD_PGCIT) 234	TEXT DATA MANAGER (TXTDT_MG) 235	MANUFACTURER INFORMATION TABLE (MNFIT/APDT_MG) 236
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(g)

STREAM FILE INFORMATION TABLE INFORMATION (SFITI) 241	STREAM OBJECT INFORMATION (SOBI) #A-242	STREAM OBJECT INFORMATION (SOBI) #B-243	...	ORIGINAL PGC GENERAL INFORMATION 271	ORIGINAL CELL INFORMATION (SCI) #1-272	ORIGINAL CELL INFORMATION (SCI) #2-273	...
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(h)

STREAM OBJECT GENERAL INFORMATION (SOBI_GI) 251	TIME MAP INFORMATION 252	...	CELL TYPE 281	CELL ID 282	CORRESPONDING CELL START TIME 283	CORRESPONDING CELL END TIME 284	ENTRY POINT INFORMATION (SC_EPI) 285
---	--------------------------	-----	---------------	-------------	-----------------------------------	---------------------------------	--------------------------------------

(i)

STREAM BLOCK NUMBER 260	FIRST STREAM BLOCK SIZE 261	SECOND STREAM BLOCK SIZE 262	...	FIRST STREAM BLOCK TIME DIFFERENCE 266	SECOND STREAM BLOCK TIME DIFFERENCE 267	...
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FIG. 3

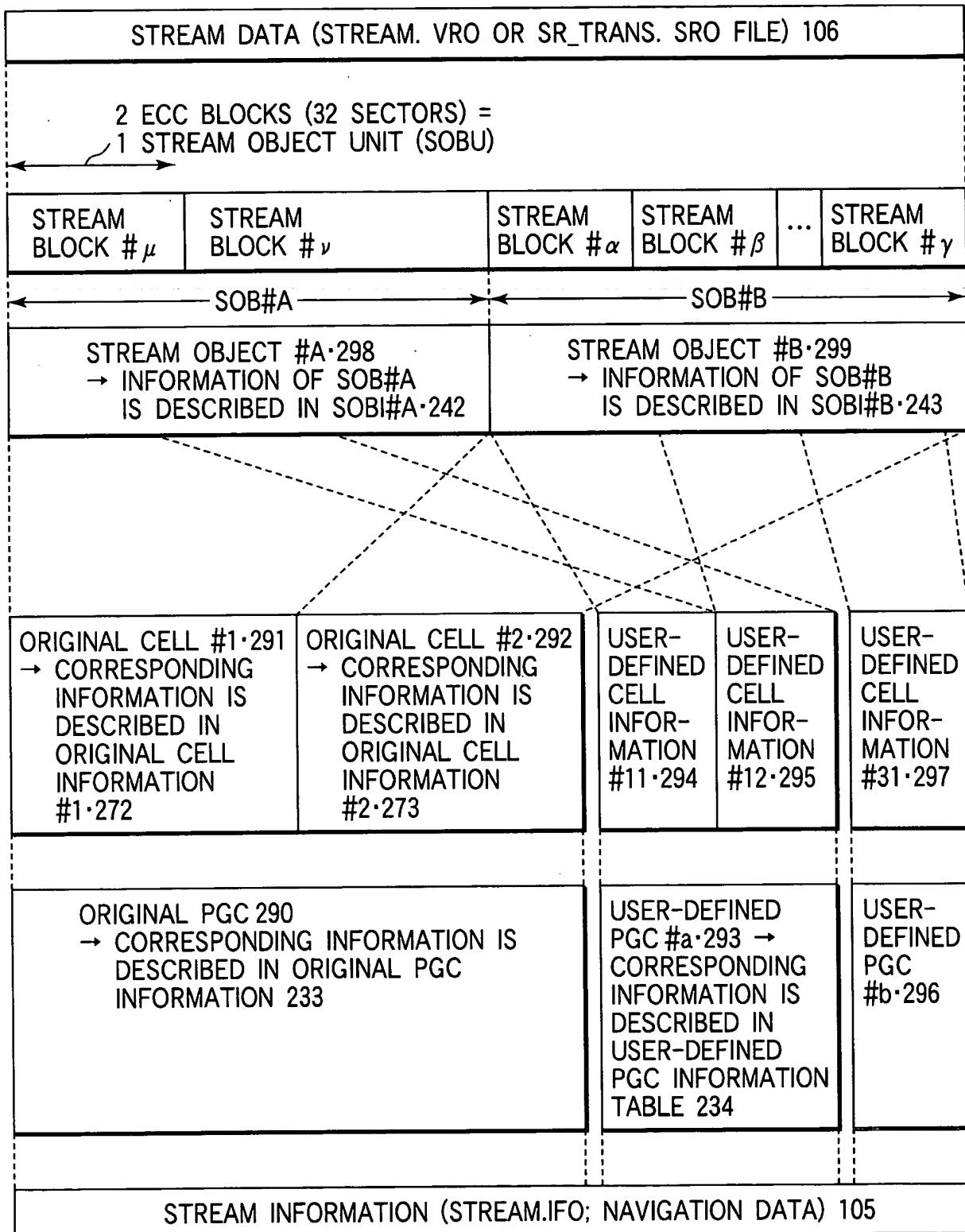


FIG. 4

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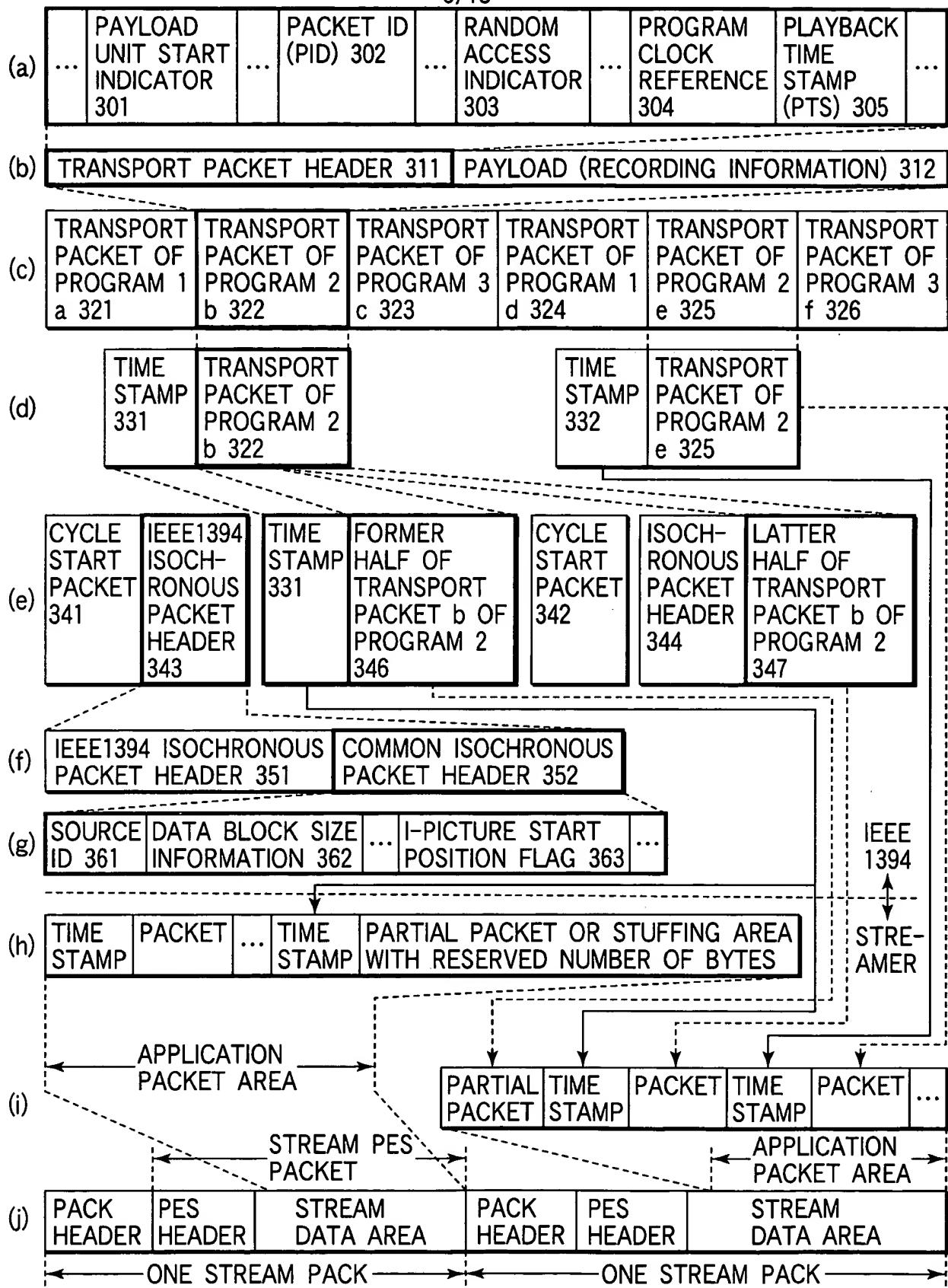


FIG. 5

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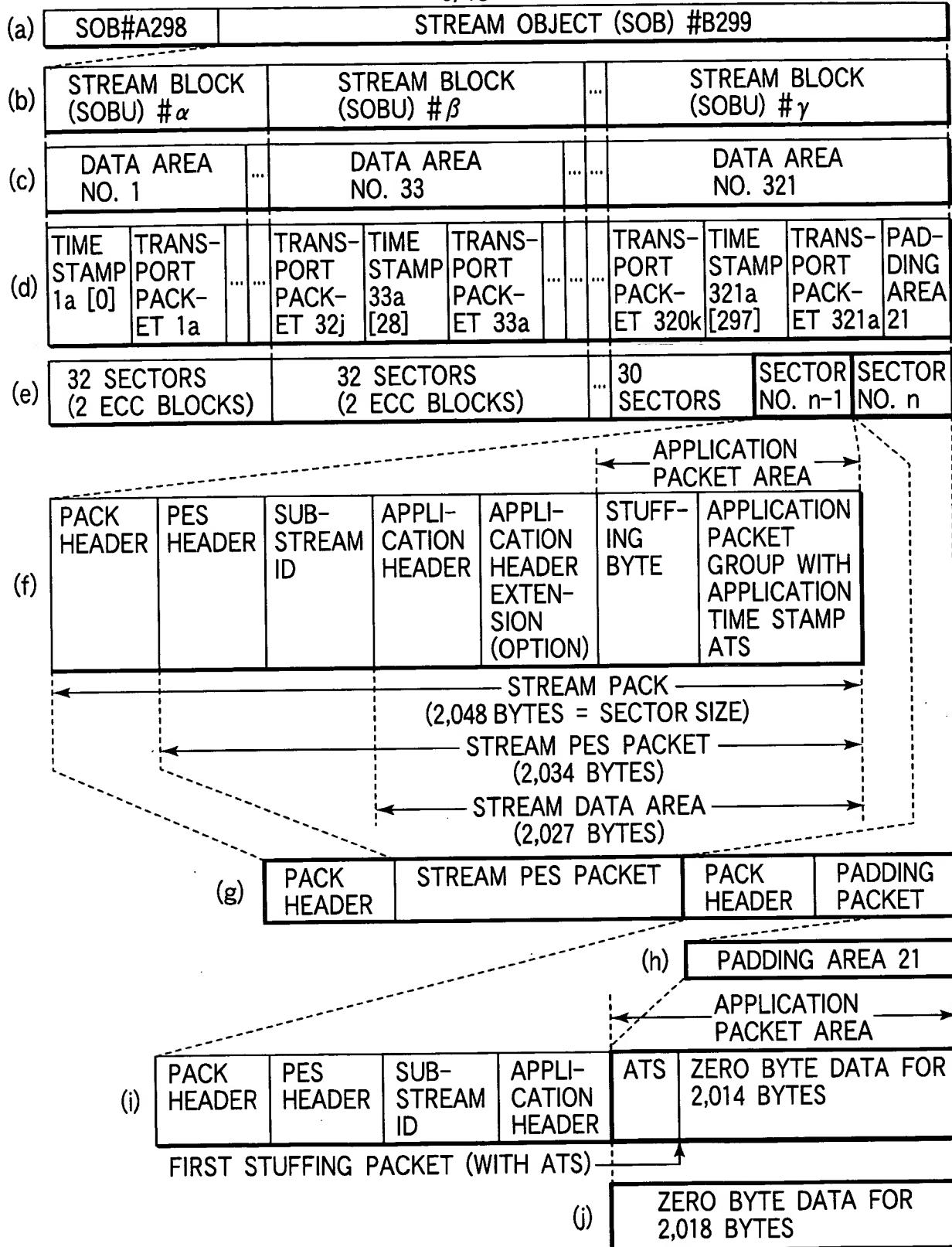


FIG. 6

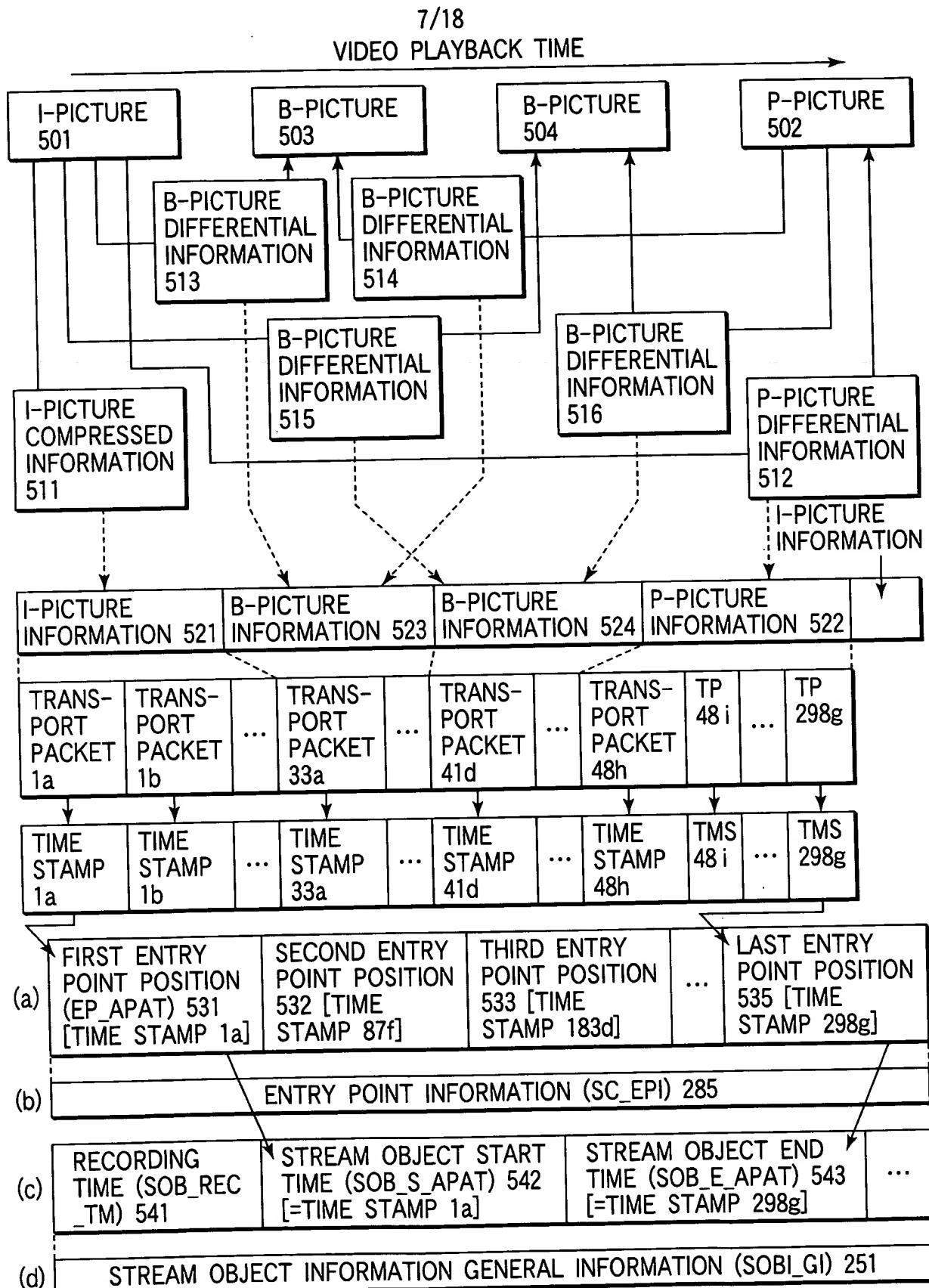
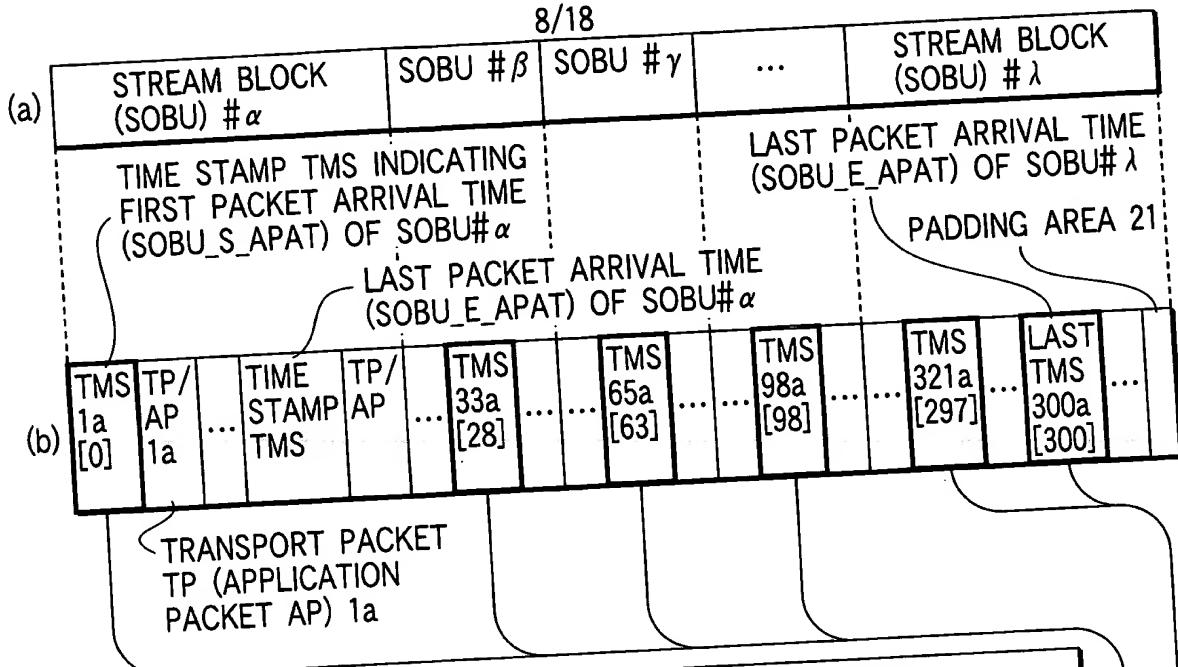


FIG. 7

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(c)

TIME MAP INFORMATION 252

	TIME DIFFERENCE NUMBER	TIME DIFFERENCE VALUE	CALCULATION METHOD
FIRST SOBU# $\alpha$	30 (ROUNDED VALUE)	$TMS33a-TMS1a$ = ROUND $[28-0] \div 30$	
SECOND SOBU# $\beta$	40 (ROUNDED VALUE)	$TMS65a-TMS33a$ = ROUND $[63-30] \div 40$	
THIRD SOBU# $\gamma$	30 (ROUNDED VALUE)	$TMS98a-TMS65a$ = ROUND $[98-40-30] \div 30$	
...	...	...	...
LAST SOBU# $\lambda$	BLANK		...

(d)

TIME MAP INFORMATION 252

	TIME DIFFERENCE NUMBER	TIME DIFFERENCE VALUE	CALCULATION METHOD
FIRST SOBU# $\alpha$	30 (ROUNDED VALUE)	$TMS33a-TMS1a$ = ROUND $[28-0] \div 30$	
SECOND SOBU# $\beta$	40 (ROUNDED VALUE)	$TMS65a-TMS33a$ = ROUND $[63-30] \div 40$	
THIRD SOBU# $\gamma$	30 (ROUNDED VALUE)	$TMS98a-TMS65a$ = ROUND $[98-40-30] \div 30$	
...	...	...	...
LAST SOBU# $\lambda$	10	$TMS300a-TMS321a$ = ROUND $[300-297] \div 10$ OR $[300-300+10] \div 10$	

FIG. 8

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(a)	...	STREAM BLOCK (SOBU) # $\gamma$	STREAM BLOCK (SOBU) # $\delta$	...	STREAM BLOCK (SOBU) # $\eta$	STREAM BLOCK (SOBU) # $\theta$
(b)	...	SIZE = 16 (OR 32) SECTORS	SIZE = 16 (32) SECTORS	...	SIZE = 16 (32) SECTORS	SIZE = 16 (OR 32) SECTORS
(c)	...	TIME DIFFERENCE = 30	TIME DIFFERENCE = 40	...	TIME DIFFERENCE = 40	TIME DIFFERENCE = 30
(d)	...	SECTOR NO. 87	...	SECTOR NO. 97	...	SECTOR NO. 224
(e)	...	TMS 87f	...	TMS 97c	...	TMS 224k

TIME STAMP (TMS) 1a

(k)	STATE BEFORE PARTIAL ERASE	STREAM OBJECT INFORMATION (SOBI)	STREAM OBJECT START TIME (SOB_S_APAT) 542	TIME STAMP (TMS) 1a	
			STREAM OBJECT END TIME (SOB_E_APAT) 543	TIME STAMP (TMS) 298g	
	ORIGINAL CELL INFORMATION (SCI)	CORRESPONDING CELL START TIME (SC_S_APAT) 283	TIME STAMP (TMS) 1a		
		CORRESPONDING CELL END TIME (SC_E_APAT) 284	TIME STAMP (TMS) 298g		
(f)	STREAM BLOCK # $\gamma$	STREAM BLOCK # $\delta$	...	STREAM BLOCK # $\eta$	STREAM BLOCK # $\theta$
(g)	SIZE = 16 (32) SECTORS	SIZE = 16 (32) SECTORS	...	SIZE = 16 (32) SECTORS	SIZE = 16 (32) SECTORS
(h)	TIME DIFFERENCE = 30	TIME DIFFERENCE = 40	...	TIME DIFFERENCE = 40	TIME DIFFERENCE = 30
(i)	...	SECTOR NO. 87	...	SECTOR NO. 97	...
(j)	...	TMS 87f	...	TMS 97c	...

(l)	STATE AFTER PARTIAL ERASE	STREAM OBJECT INFORMATION (SOBI)	STREAM OBJECT START TIME (SOB_S_APAT) 542	TIME STAMP (TMS) 87f	
			STREAM OBJECT END TIME (SOB_E_APAT) 543	TIME STAMP (TMS) 255d	
	ORIGINAL CELL INFORMATION (SCI)	CORRESPONDING CELL START TIME (SC_S_APAT) 283	TIME STAMP (TMS) 97c		
		CORRESPONDING CELL END TIME (SC_E_APAT) 284	TIME STAMP (TMS) 224k		

FIG. 9

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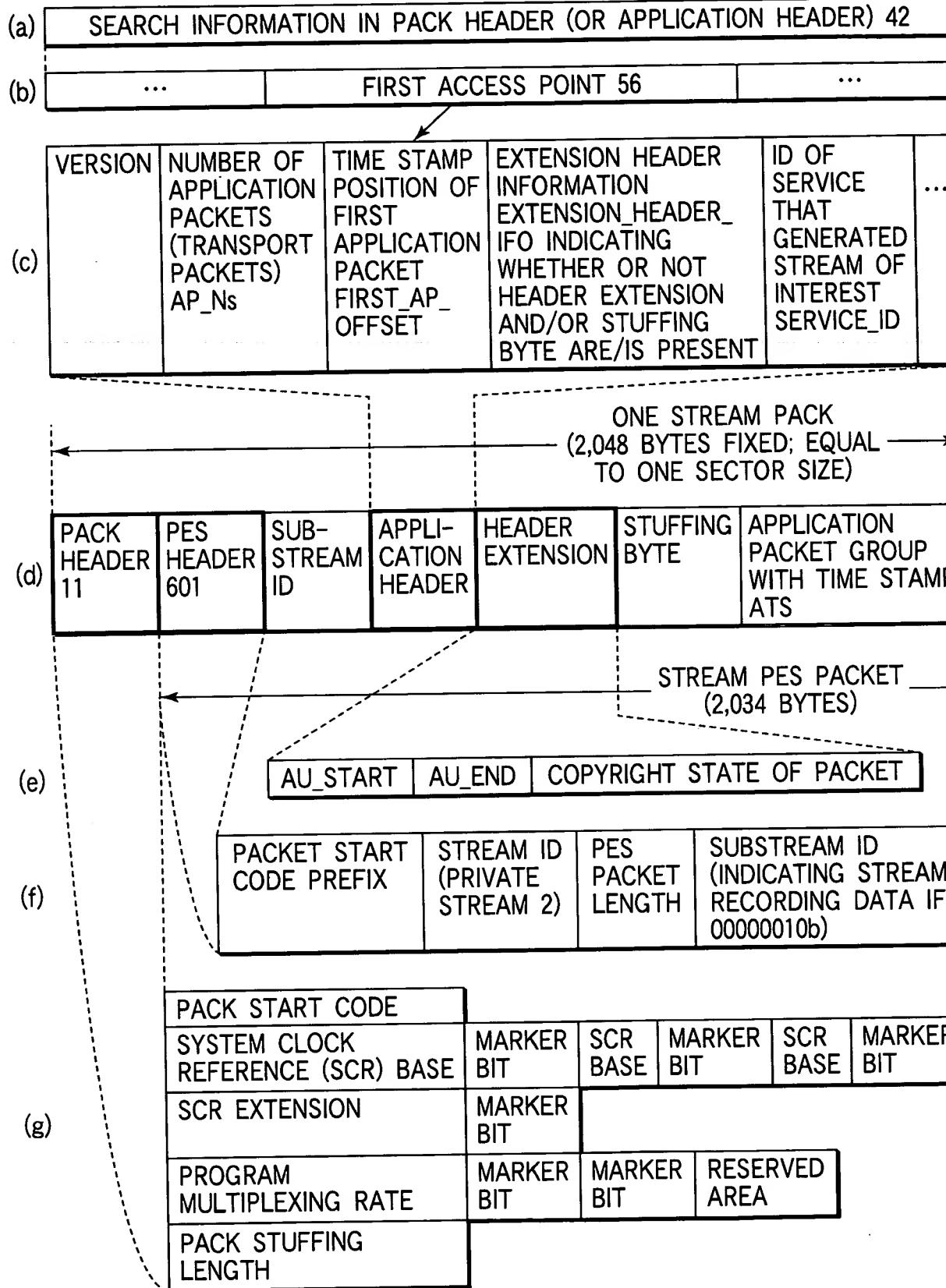


FIG. 10

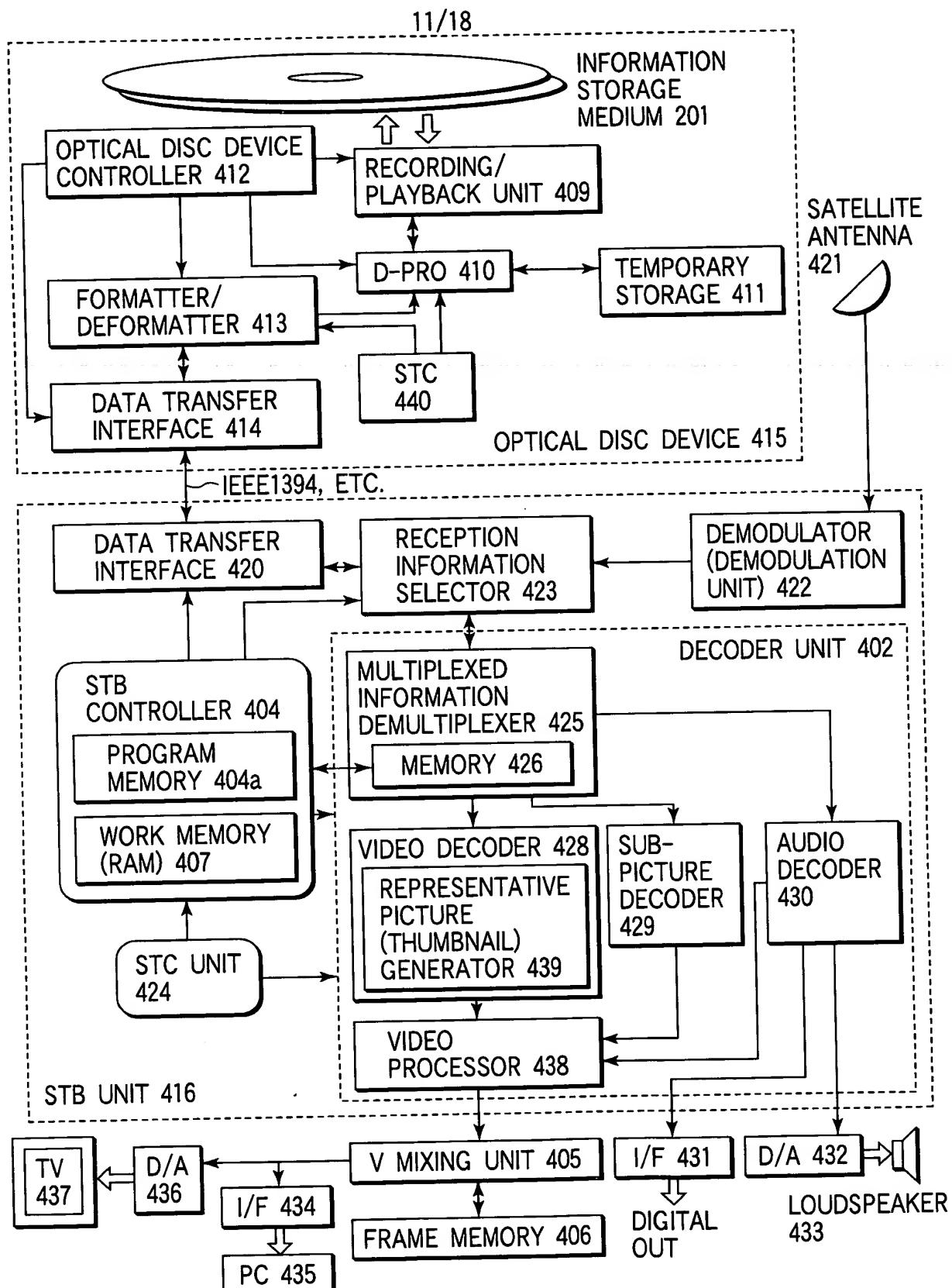


FIG. 11

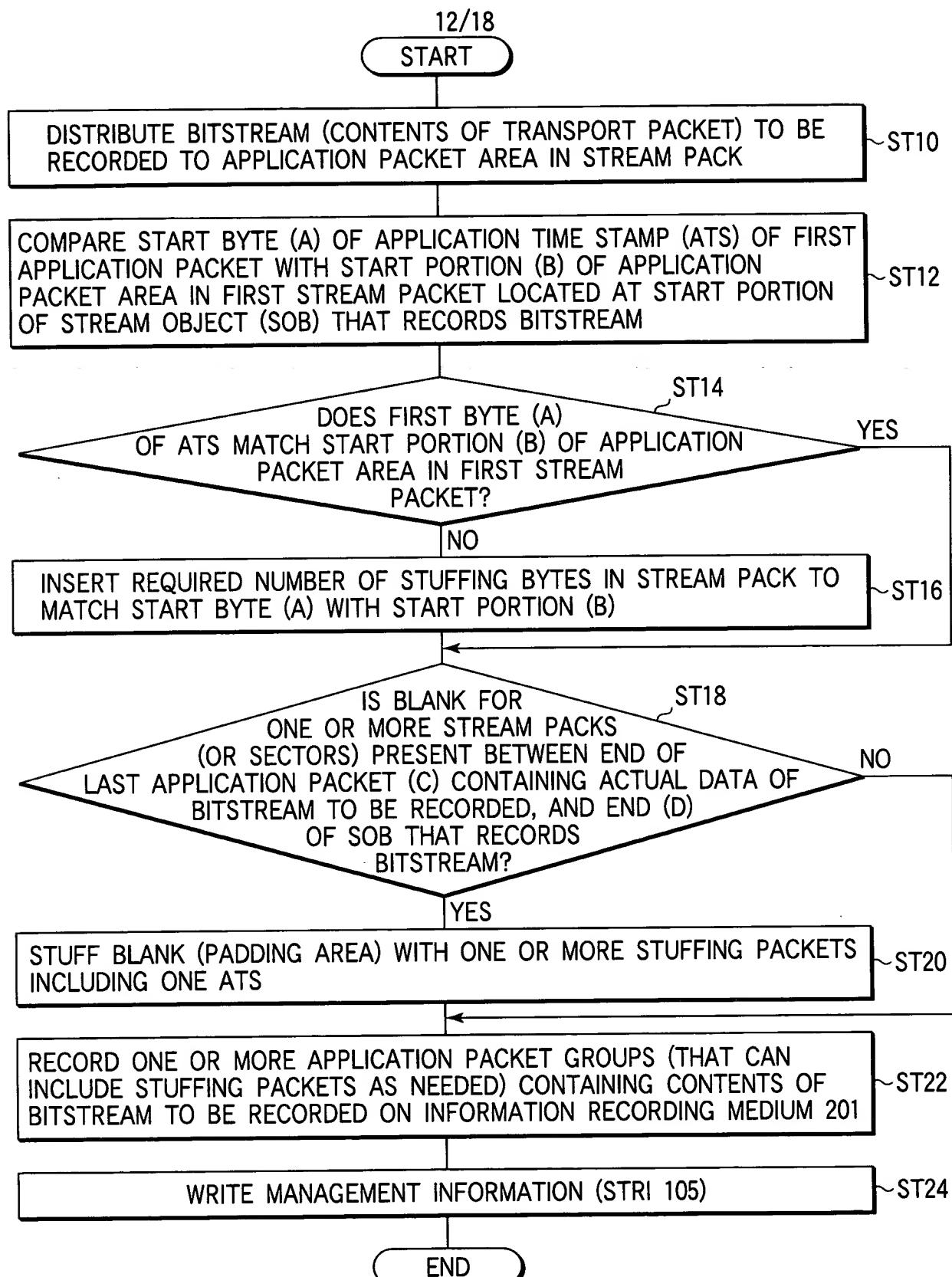


FIG. 12

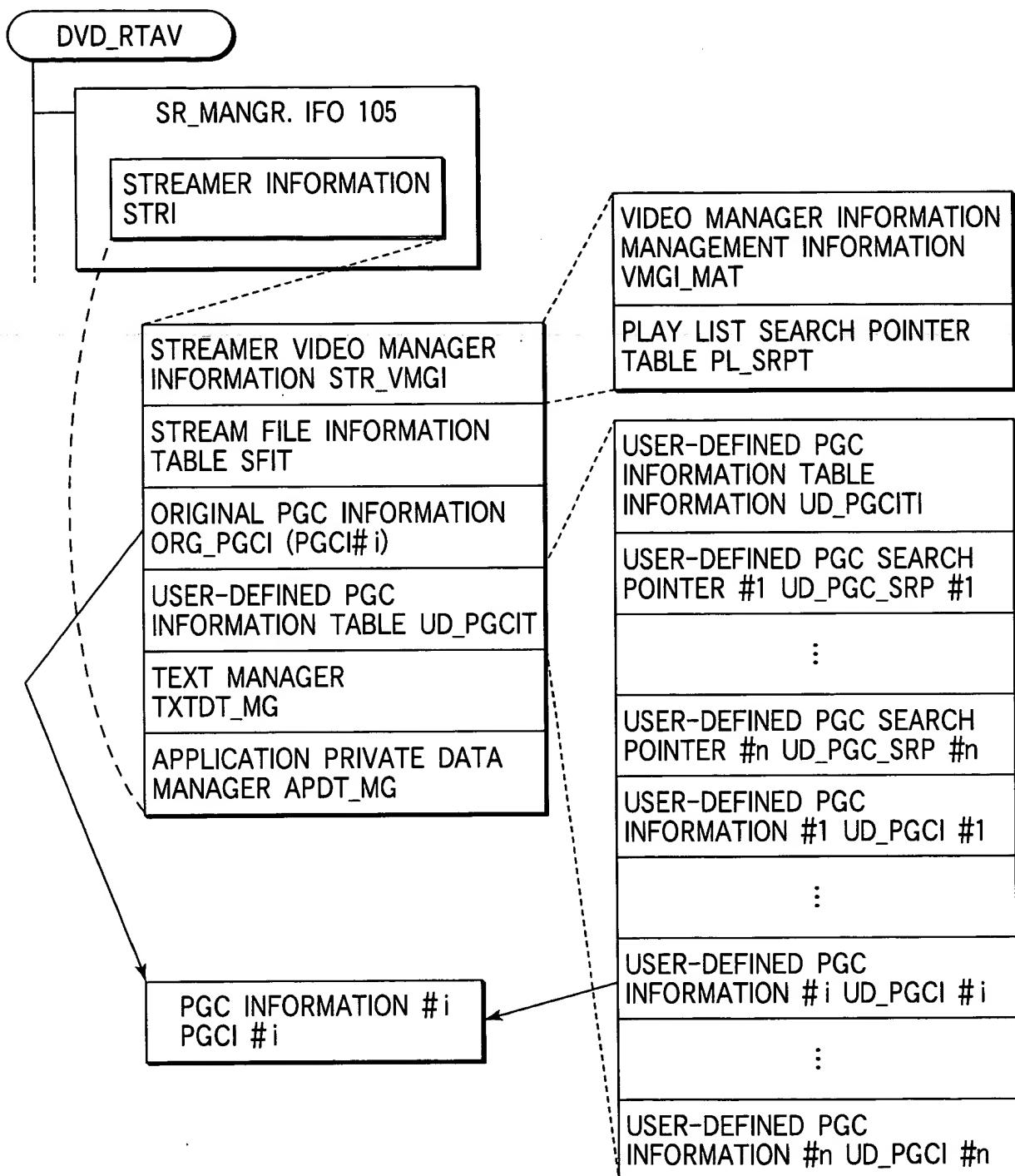


FIG. 13

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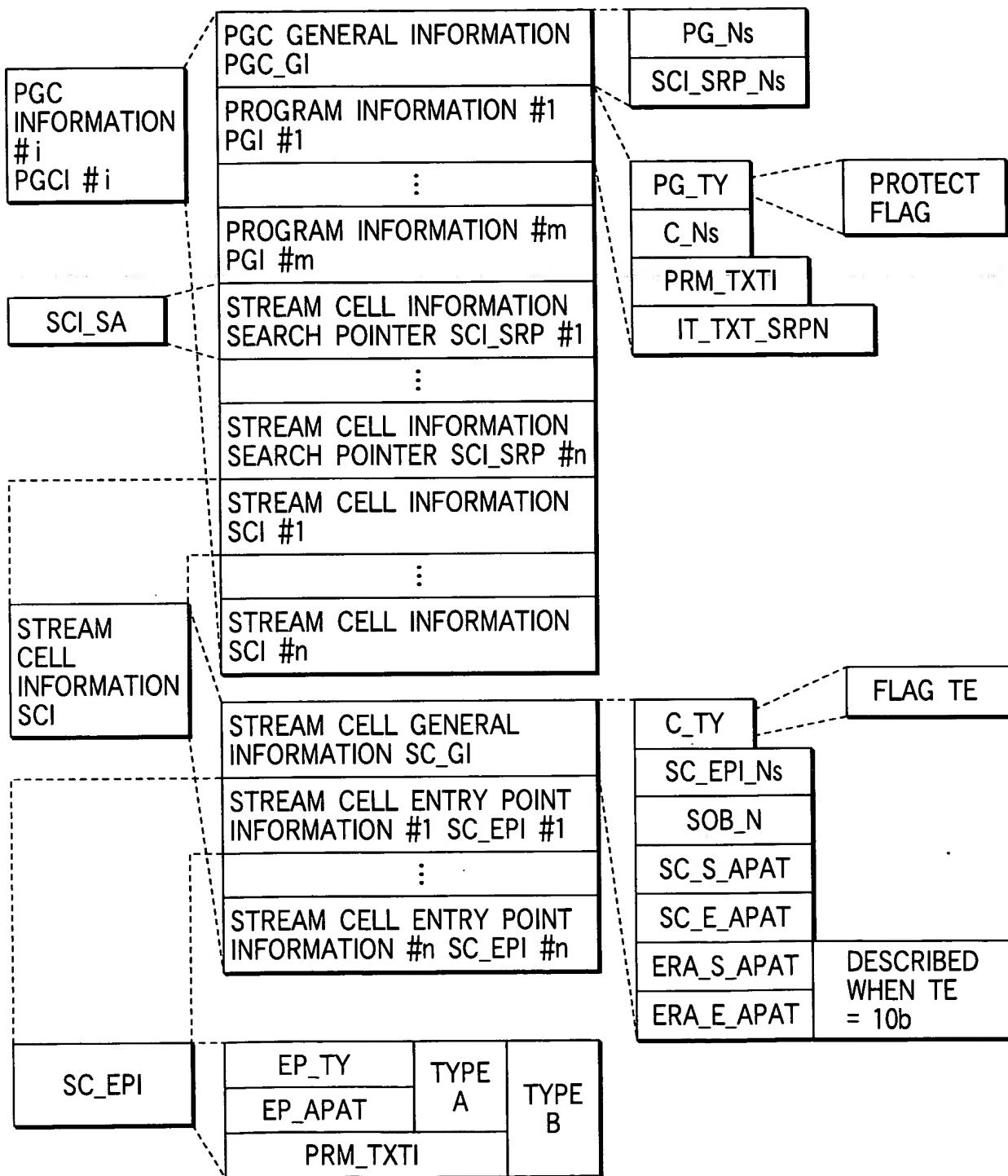


FIG. 14

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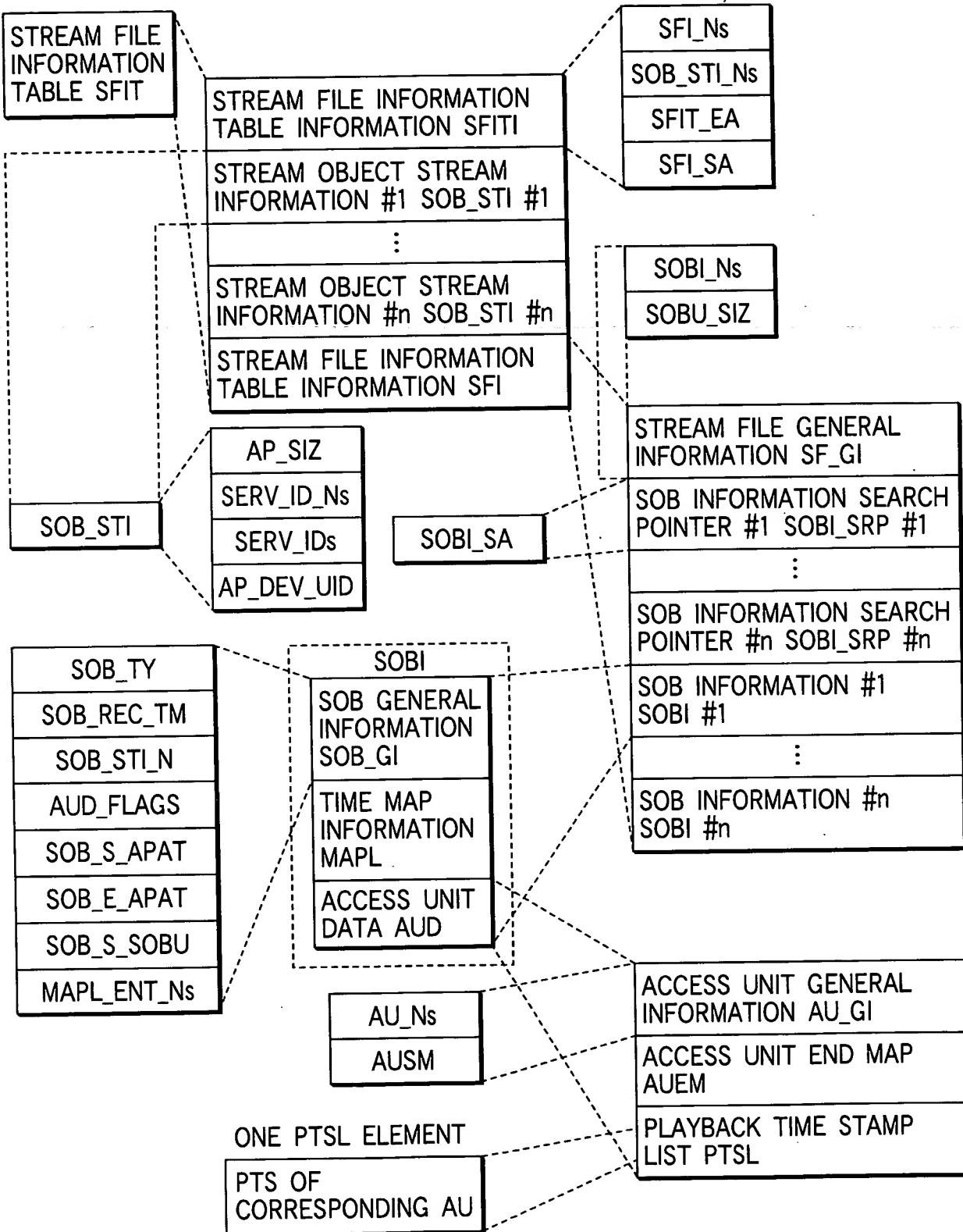


FIG. 15

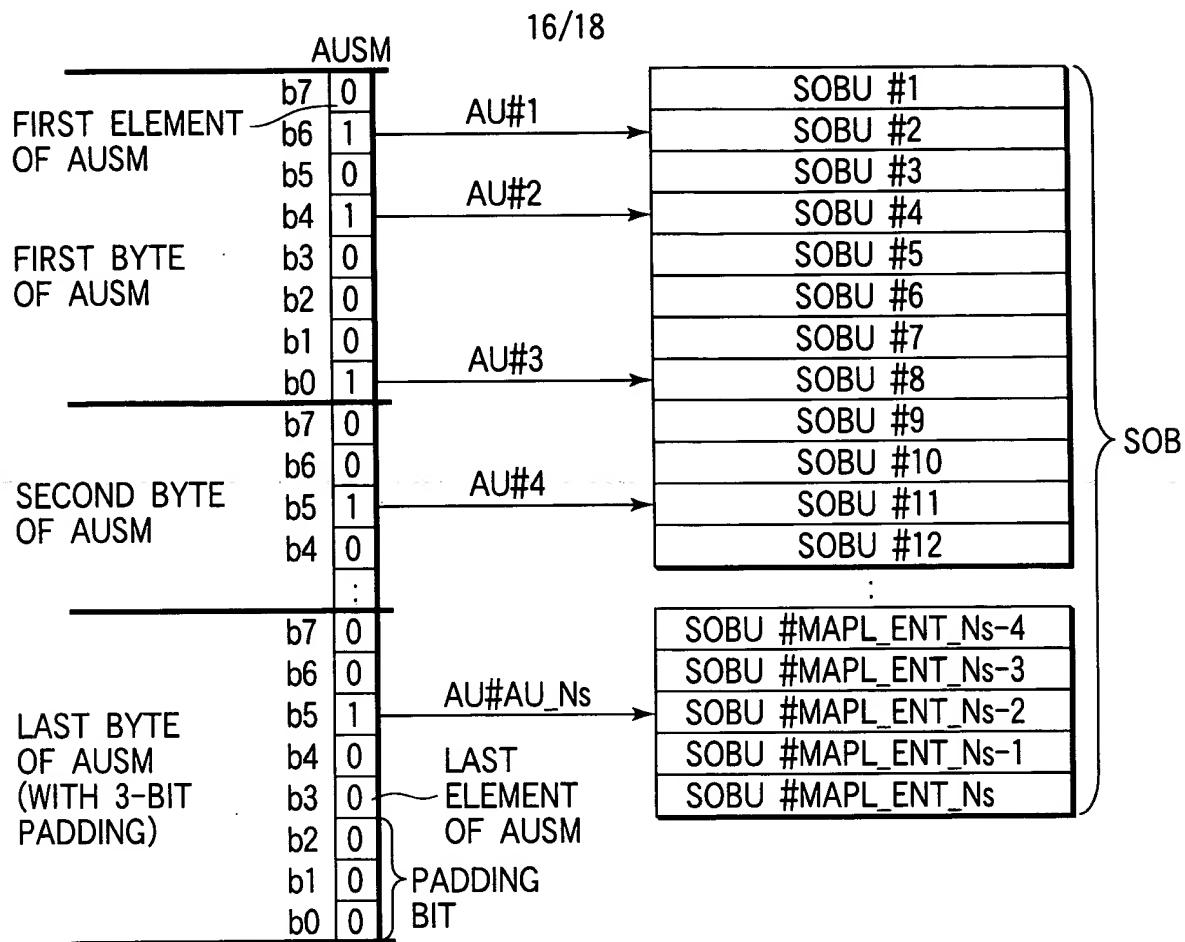


FIG. 16

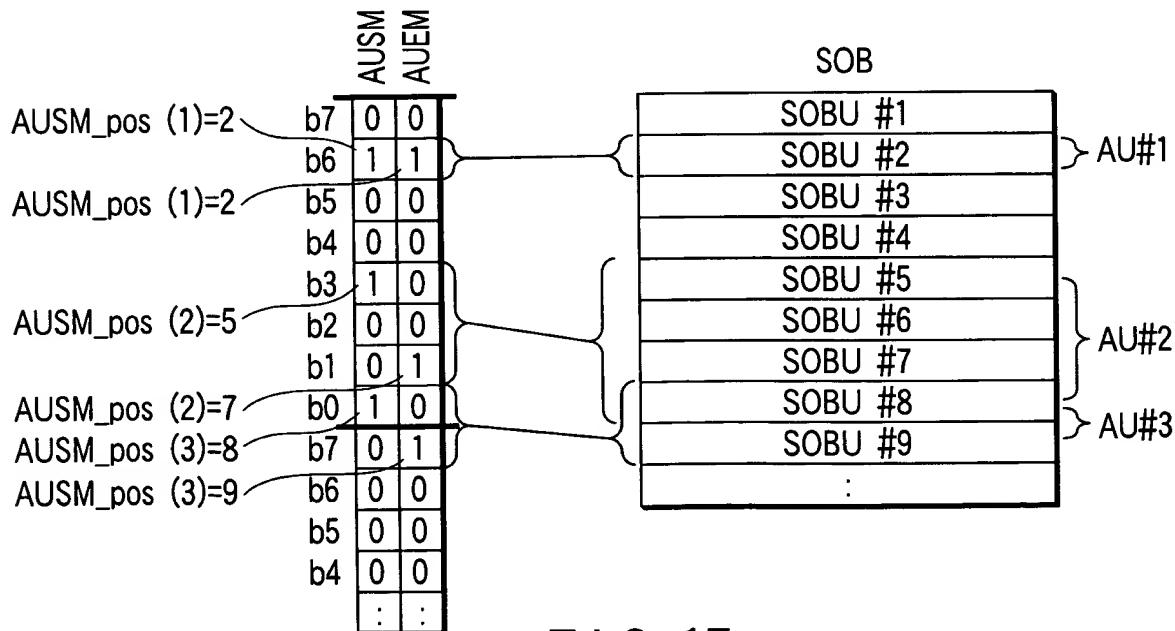


FIG. 17

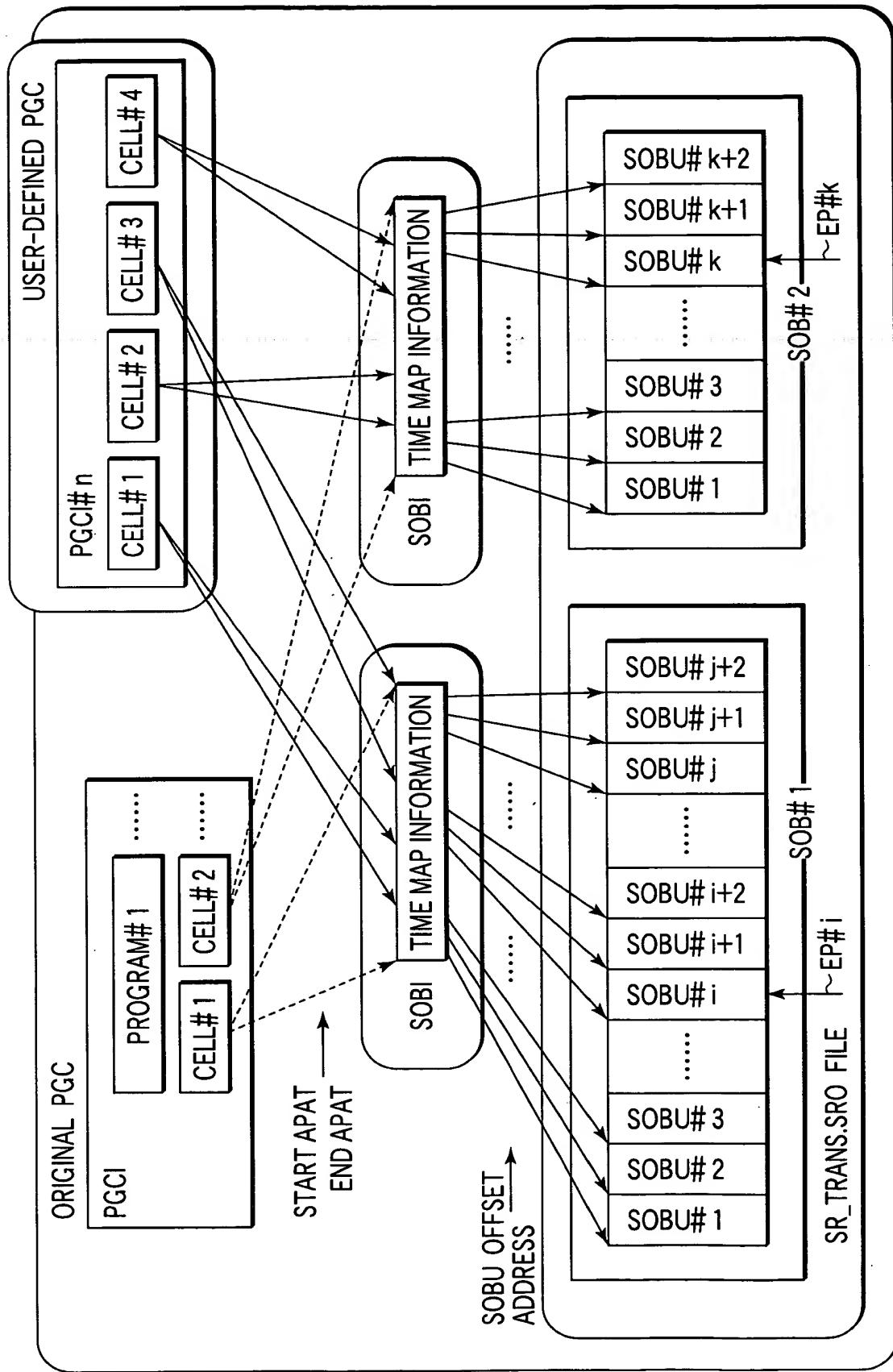


FIG. 18

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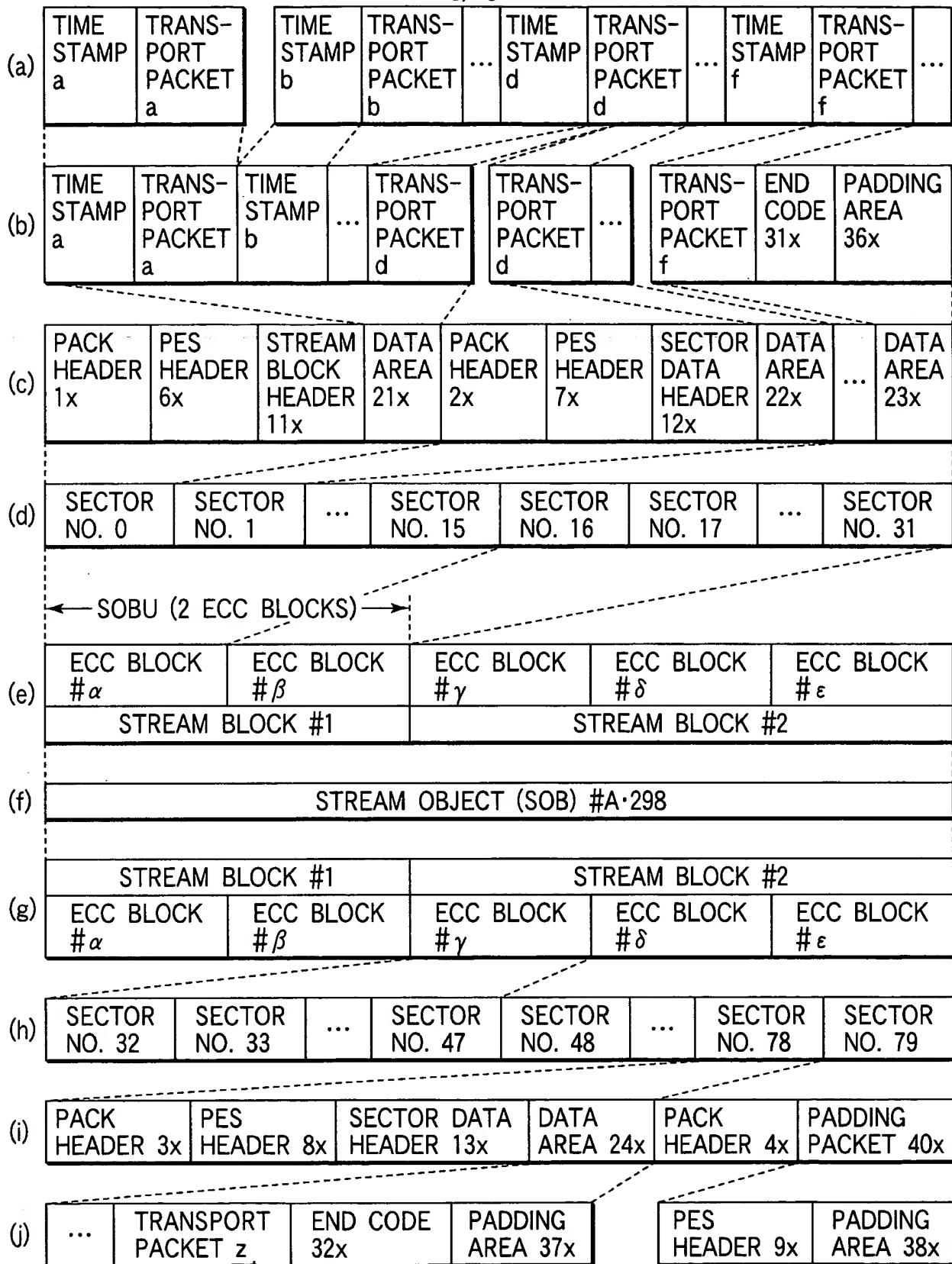


FIG. 19